

# PATENT COOPERATION TREATY


# PCT

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

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Applicant's or agent's file reference PD53601PC00		<b>FOR FURTHER ACTION</b>		See Form PCT/IPEA/416
International application No. PCT/EP2004/012137		International filing date (day/month/year) 27.10.2004		Priority date (day/month/year) 29.10.2003
International Patent Classification (IPC) or national classification and IPC INV. G06F1/00				
Applicant SONY ERICSSON MOBILE COMMUNICATIONS AB et al.				
<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 16 sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input checked="" type="checkbox"/> sent to the applicant and to the International Bureau a total of 4 sheets, as follows:</p> <p><input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input checked="" type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) , containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>				
<p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the report</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input checked="" type="checkbox"/> Box No. VIII Certain observations on the international application</p>				
Date of submission of the demand  29.08.2005		Date of completion of this report  11.04.2006		
Name and mailing address of the International preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465		Authorized officer  Meis, M  Telephone No. +49 89 2399-2505		



**INTERNATIONAL PRELIMINARY REPORT  
ON PATENTABILITY**

International application No.  
PCT/EP2004/012137

**Box No. I Basis of the report**

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language , which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1(b))
  - ☐ publication of the international application (under Rule 12.4)
  - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)
2. With regard to the **elements\*** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):*

**Description, Pages**

1-10 as originally filed

**Claims, Numbers**

1-19 received on 24.12.2005 with letter of 22.12.2005

**Drawings, Sheets**

1/3-3/3 as originally filed

- ☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages
  - ☐ the claims, Nos.
  - ☐ the drawings, sheets/figs
  - ☐ the sequence listing (*specify*):
  - ☐ any table(s) related to sequence listing (*specify*):
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages
  - ☐ the claims, Nos.
  - ☐ the drawings, sheets/figs
  - ☐ the sequence listing (*specify*):
  - ☐ any table(s) related to sequence listing (*specify*):

\* If item 4 applies, some or all of these sheets may be marked "superseded."

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**INTERNATIONAL PRELIMINARY REPORT  
ON PATENTABILITY**

International application No.  
PCT/EP2004/012137

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**Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

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1. Statement

Novelty (N)	Yes: Claims	1-19
	No: Claims	
Inventive step (IS)	Yes: Claims	1-19
	No: Claims	
Industrial applicability (IA)	Yes: Claims	
	No: Claims	1-19

2. Citations and explanations (Rule 70.7):

**see separate sheet**

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**Box No. VIII Certain observations on the international application**

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The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

**see separate sheet**

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**SECTION I**

1. The following amendments made to cl. 1, 7, 10, 17, 18 and 19 with respect to the originally filed claims have not been taken account because they introduce subject-matter which extends beyond the content of the application as filed - see section VIII, par. 1 - by addition of "the content is stored (42) under control of the digital rights management information, bound to the intended user in a particular communication device."

The subject-matter of cl. 1, 7, 10, 17, 18 and 19 therefore has been read as if these amendments had not been carried out.

**SECTION V**

1. Reference is made to the following documents:

D1: EP-A-1 280 149 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 29  
January 2003 (2003-01-29)

2. The subject-matter of cl. 1, 7, 10, 16, 17, 18 and 19 and the claims depending thereon does not have industrial applicability (Art. 33(4) PCT) for the following reasons:

The subject-matter of cl. 1, 7, 10, 16, 17, 18 and 19 is defined (i) "such that the content provider can ensure that content only can be used by the intended user".

The subject-matter of cl. 1, 7, 10, 16, 17, 18 and 19 covers the situation when the content is used or stored on another electronic communication device than intended by the content provider and which allows a user to circumvent requirement (i). For instance, though an MP3 content comprising content use restriction information in an MP3 tag having the effect that on a dedicated PDA it can be stored and used only in the way defined by the content use restriction information (i.e. meeting the requirement (i)), this has no effect at all on a generic Linux PC running mpg123 (i.e. not meeting the requirement (i)).

In the actual state of the art, requirement (i) requires that the content provider has full control of the final use or storage of the content. Meeting requirement (i) is possible only in the case the content provider has direct physical control on the use or storage of the content or in the case the content is used or stored on a communication device specifically provided (e.g. by the provider) therefor. (In terms of the claims, this would require the claimed subject-matter both to concern both the content provider and the communication device in an interrelated form, and the communication device to actually constrain use of the content, which currently is not the case.)

The applicant suggested in his letter dated 29.08.2005 that the invention cannot be defined more precisely than by using the statement of purpose (i) in the claims, which merely amounts to statements of the underlying problem, without providing the technical features necessary for achieving this result.

In the light of the above, this is fully justified since neither the description, nor the claims do mention any technical features which would indeed allow to solve precisely this problem (i.e. meet requirement (i)) in the whole scope defined by the claims, i.e. meet requirement (i) without requiring that the content provider has full control of the final use or storage of the content as is required in the current state of the art.

The international application, therefore, does not disclose the invention in a manner sufficiently clear and complete (defining means and ways) for the invention to be carried out by a person skilled in the art in the whole scope defined in the claims and the subject-matter of cl. 1, 7, 10, 16, 17, 18 and 19 does not have industrial applicability (see also the PCT International Search And Preliminary Examination Guidelines, par. A 14.01[2].1, and in particular par. A 14.01[2].1(2))

3. The present application does not meet the criteria of Article 33(1) PCT, because the claimed subject-matter is not new in the sense of Article 33(2) PCT.

(a) Cl. 1 - 6

Document D1 (see in particular description of preferred embodiment 6 in D1, par. 334 - 356) discloses a method as defined in cl. 1 - 6 whereby the claimed

features/steps are embodied as follows: electronic communication device: mobile phone 300j; content providing device: content distribution server device 200j; information about digital rights management (DRM) or right object or constraint: usage right information and content ID.

The information about DRM is bound in the content providing device by storing the "user ID" along with the "usage right information" and "content ID" (D1, par. 350) into the right information table.

The constraint is bound automatically in the communication device by storing the "usage right information" and the "content ID" along with the (automatically bound) content into "memory card", whereby the contents automatically bound by encryption using "unique information", the "unique information" being stored in a personal identification module, such as a SIM (see D1, par. 351 in combination with par. 387, par. 109(3) and par. 409(6)).

(b) Cl. 7

Document D1 (see in particular description of preferred embodiment 6 in D1, par. 334 - 356) discloses a method as defined in cl. 1 - 6 whereby the claimed features/steps are embodied as follows: electronic communication device: mobile phone 300j; content providing device: content distribution server device 200j; right object or constraint: usage right information and content ID.

The request for content is transmitted by the "mobile phone" to the "content distribution server device" (step S371).

The content is bound to the user by means of the "content ID" in the constraint by storing the "user ID" along with the "usage right information" and the "content ID" into the right information table (D1, par. 350).

(c) Cl. 8

The additional features defined in cl. 8 clearly and unambiguously follow from

usage of the disclosure of D1:

The rights object is bound to "user ID". The "user information" (or ID) being prestored in the "mobile phone", it is bound to the SIM thereof (par. 109(3)). The rights object, being bound to the "user ID", therefore is bound to the personal identification module or SIM.

Distribution of same contents with same usage right information implies distribution with same right objects in D1. This implies storing a rights object along with several "user ID" in the "right information table", thereby binding it with a group of SIMs.

(d) Cl. 9

Cl. 9 does not add any additional technical features to the claimed subject-matter.

(e) Cl. 10 and 14 - 15

Document D1 (see in particular description of preferred embodiment 6 in D1, par. 334 - 356) discloses a mobile phone as defined in cl. 10 and 14 - 15 whereby the claimed features/steps are embodied as follows: electronic communication device: mobile phone 300j; content providing device: content distribution server device 200j; application unit: control unit 366 - see D1, par. 49 - 50 and 56; DRM control unit: usage condition judgement unit 306; media content store: memory card 400j; information about digital rights management (DRM) or right object or constraint: usage right information and content ID.

(f) Cl. 11 - 13

Cl. 11 - 13 do not add any additional technical features to the claimed subject-matter.

(g) Cl. 16 - 19

Document D1 also discloses a content providing device as defined in cl. 16 (implementing the method as defined in cl. 7 - see above par. (b)), a system as defined in cl. 17 (comprising an electronic communication device as defined in cl. 10 (see above par. (e) and a content providing device as defined in cl. 16), a computer program product as defined in cl. 18 (see above par. (b) - mention of step S371) and a computer program product as defined in cl. 19 (partly implementing a method as defined in cl. 7 - see above par. (b)).

4. Since the claimed subject-matter of is not new, it does not involve an inventive step in the sense of Article 33(3) PCT.

#### SECTION VIII

1. The amendments filed with the letter dated 22.12.2005 introduce subject-matter which extends beyond the content of the application as filed, contrary to Article 34(2)(b) PCT.

The amendments concerned are addition to the originally filed claims 1, 7, 10, 17, 18 and 19 of "the content is stored (42) under control of the digital rights management information, bound to the intended user in a particular communication device."

The reason therefor is that in view of the serious lack of clarity induced by these amendments to the formulation of claims 1, 7, 10, 17, 18 and 19 - see par. 2.(a) below, it is not possible to determine whether the requirements of Art. 34(2)(b) PCT are met, i.e. that these amendments do indeed "not go beyond the disclosure of the international application as filed". Since it cannot be verified that these amendments do indeed not go beyond the disclosure of the international application as filed, the requirements of Art. 34(2)(b) PCT are considered not to be met.

2. The application does not meet the requirements of Art. 6 PCT for the following reasons:

- (a) A serious lack of clarity arises in cl. 1, 7, 10, 17, 18 and 19 due to addition of the



text "the content is stored (42) under control of the digital rights management information, bound to the intended user in a particular communication device." to the originally filed text of these claims.

One reason therefor is that, reading the claims with this text inserted, it appears that some text is missing in the claims: the text of the claims is not complete because no words for grammatically linking (or "glueing") the added text to the surrounding text are provided.

Furthermore, though said text is added in the midst of the claim, it is provided with a final period, suggesting the text (or features) following the added text should be deleted. However, the text (or features) following the added text has not been deleted, leading to uncertainty as to the features present in the claim or not.

Hence, it is not clear what technical features of the claimed subject-matter, and in particular what limitation in scope thereof, may be intended by addition of said text, which, therefore, has been disregarded for interpretation of the claims.

- (b) (1) Cl. 1 refers to a method of providing information about DRM features "in relation" to an electronic communication device. However, no such "relation" can be recognized in cl. 1, i.e. cl. 1 does not contain any technical feature effectively linking "information about DRM features" to an electronic communication device. Cl. 1, therefore, appears to miss essential features for the performance of the claimed invention.
- (2) It is not clear which "particular user" is meant in cl. 1, p. 11, l. 10 because no such user has been defined previously.
- (c) Cl. 1, p. 11, l. 9 mentions the exemplary features "such as a rights object (RO) 40". Cl. 5 mentions the exemplary features "such as a SIM or UIM".

Since these features are formulated as having an exemplary, non-limiting character, they cannot be considered as implying any particular technical

features of the method of cl. 1 and 5. Consequently these exemplary features must be ignored. These features therefore are obsolete and the claims are not concise.

In addition, due to this formulation, a lack of clarity arises in cl. 5 and 6 and in cl. 8 in combination with cl. 1 because they refer to "the right object" or "rights object" which has not been defined as an actual feature of the claimed method.

- (d) Cl. 1, 7, 10, 16, 17, 18 and 19 do not meet the requirements of Article 6 PCT in that the matter for which protection is sought is not clearly defined. The claims attempt to define the subject-matter in terms of the result to be achieved in cl. 1, 7, 10, 16, 17, 18 and 19 "such that the content ... intended user", which merely amounts to a statement of the underlying problem, without providing the technical features necessary for achieving this result in the whole scope claimed - see the objection for a lack of industrial applicability in section V against cl. 1, 7, 10, 16, 17, 18 and 19.

Furthermore, since the description does not contain any indications on how to achieve the claimed subject-matter in its full scope - see the objection for a lack of industrial applicability in section V - cl. 1, 7, 10, 16, 17, 18 and 19 are not fully supported by the description (Art. 6 PCT).

- (e) It is not clear what is meant by the "the constraint to be treated and enforced" mentioned in cl. 2 because no such constraint and/or treatment or enforcement of a constraint have been mentioned previously.
- (f) It is not clear in cl. 7, p. 12, l. 3 which "the information about digital rights management" is meant since no such information has been defined previously.
- (g) Cl. 9 does not define any additional technical features of the claimed method. The additional features defined therein merely define a particular way of representing information which does not have any technical effect on the claimed method. Cl. 9 therefore is obsolete and the claims are not concise.

- (h) (1) In cl. 10 it is not clear what features of the electronic device are implied by it being specified "for communication with a content provider providing a downloadable content". The reason therefor is that no means for communication for downloading the downloadable content are provided. In particular, this specification has no implication at all as to whether the electronic device has the capability to download content or not, it merely implying an ability of the content provider to provide downloadable content, which does not imply any technical features of the claimed device. Capability of communication with a content provider may imply provision of means for downloading content from a content provided, or merely imply provision a display or LED indicator means. The scope of protection sought by the formulation of the claim, therefore, is not clearly defined.

Furthermore a lack of clarity arises as to what technical features are implied by the claim later referring to "content that has been downloaded to the media content store". It is not clear whether the claim implies the device being provided with means for downloading the content to the media content store, or, alternatively, whether no such means are provided and the content has been previously downloaded to the media content store prior to its provision in the claimed device, such as e.g. downloading music data to a CompactFlash card using a PC prior to inserting the card into a music player. The scope of protection sought by the formulation of the claim, therefore, is not clearly defined.

- (2) In the apparatus cl. 10, the features in cl. 10, p. 12, l. 20 - 22 "for the user of the device ... to the media content store" relate to a method of using the apparatus rather than clearly defining the apparatus in terms of its technical features. The intended limitations are therefore not clear from this claim, contrary to the requirements of Article 6 PCT. An application unit might be embodied merely by a connector for applying signals to the media content store (memory) for reading its contents, or e.g. by a processor and display for visually rendering contents. The scope of protection sought by the formulation of the claim, therefore, is not clearly defined.

- (3) Further cl. 10, the definition of the use of a constraint in cl. 10, p. 12, l. 23 - 26 "defining in what way ... " merely is a statement of purpose for which it is not clear what technical features of the claimed device are implied thereby. This statement may imply means for the digital rights management control unit controlling use of the content based on the constraint, or, alternatively, merely having the digital rights management control unit reading some random data referred to in the claim as "constraint". The reason therefor is that actually no control of use of the content based on this data is carried out because no technical features are actually provided for enforcing this particular purpose in the claimed device. The scope of protection sought by the formulation of the claim, therefore, is not clearly defined.
- (4) It is not clear in cl. 10, p. 12, l. 24 which "the information about digital rights management" is meant since no such information has been defined previously.
- (5) It is not clear in cl. 10, p. 12, l. 18 which "the phone" is mentioned because no phone has been defined previously.
- (i) (1) The additional features defined in cl. 11 do not imply any particular additional technical features of the device of cl. 10.

Cl. 11 does not define any technical feature of the claimed device other than digital rights management control unit being arranged to use a constraint, which already has been defined in cl. 10.

The fact that the constraint is bound to a right object in the content providing unit (assuming a content providing unit being provided) is a feature of the content providing unit which is not part of the claimed device and which feature does not imply any technical features of the claimed device.

Cl. 11, therefore, is obsolete and the claims are not concise.

(2) It is not clear which "content providing unit" is meant in cl. 11 since no such unit has been defined previously.

- (j) It is not clear what particular additional features of the claimed device are implied by the formulation of cl. 12.

The digital rights management control unit being arranged to use a constraint already has been defined in cl. 10.

The constraint being bound to a rights object is not distinguishable from some random data as such (see above par. (h)(3)).

The fact that the constraint has been automatically bound to a rights object, which itself is not distinguishable from another random data item, merely implies that two random data items, i.e. the constraint and the rights object, or data related thereto, are stored in the device. No further technical features of the claimed device can be derived therefrom since it is not provided with means for actually automatically binding a constraint to a rights object. This may imply the device having means to create a data relationship between the constraint and the rights object, or, alternatively, merely having these data items automatically written to the claimed device by an external device using e.g. the device's "application unit" (see also above par. (h)(2)). The scope of protection sought by the formulation of the claim, therefore, is not clearly defined.

- (k) (1) The additional features defined in cl. 13 do not imply any particular additional technical features of the device of cl. 12.

The fact that the rights object is arranged to be bound to the SIM (assuming a SIM to be provided in the claimed device) even if not indicated by the constraint, does not imply any technical feature of the device since it may merely be a feature of e.g. the external device mentioned in above par. (j). The reason therefor is that the claimed device is not provided with means for binding the rights object to the SIM.

Cl. 13, therefore, is obsolete and the claims are not concise.

- (2) It is not clear what is meant by the "the SIM" mentioned in cl. 13 because no SIM has been defined previously.
- (l) It is not clear what is meant by the "the particular user" and the "the information about digital rights management" mentioned in cl. 16 because no such user and information have been defined previously.
- (m) (1) In cl. 17 it is not clear what features of the electronic device are implied by it being specified "for communication with a content providing unit" - see above par. (h)(1).
- (2) A lack of clarity arises in cl. 17 in the features on p. 13, l. 22 - 24 "for the user of the device ... to the media content store" for the reasons set out in above par. (h)(2).
- (3) A lack of clarity arises in cl. 17, p. 13, l. 25 - 27 in the use of the constraint "defining in what way ... " for the reasons set out in above par. (h)(3).
- (4) The scope of protection sought by cl. 17 is not clearly defined because the wording of cl. 17 is not complete since words (represented by "???" ) are missing in the claim on p. 13, l. 27 "... downloadable content (42) ??? a right object (RO), and".
- (5) It is not clear what is meant by the "the particular user" and the "the information about digital rights management" mentioned in cl. 17 on p. 13, l. 25 - 26 because no such user and information have been defined previously.
- (n) The features defined in cl. 18, p. 14, l. 8 - 11 do not imply any particular technical features of the computer program product of cl. 18 since they merely further seek to define the request which, in the context of the claim, is not distinguishable from some random data transmitted, and, therefore, have no

effect on the subject-matter claimed. These features therefore are obsolete and the claims are not concise.

- (o) (1) Cl. 19 refers to a computer program product for generating rights objects for provision "of" an electronic device. However, no "rights objects for provision of an electronic device" actually are generated in cl. 19 which, therefore, appears to miss essential features for the performance of the claimed invention.
- (2) It is not clear what technical features are implied by the definition of use of the constraint in cl. 19, p. 14, l. 18 - 19 "defining in what way ..." - see above par. (h)(3).
- (3) It is not clear what is meant by the "said program element" mentioned in cl. 19 because no such "program element" has been defined previously.

It is not clear in cl. 19, p. 14, l. 19 which "the information about digital rights management" is meant since no such information has been defined previously.

- 3. Claim 1, p. 11, l. 9 contains a reference to the description and/or the drawings. According to Rule 6.2(a) PCT, claims should not contain such references except where absolutely necessary, which is not the case here.
- 4. The independent claims are not in the two-part form in accordance with Rule 6.3(b) PCT, which in the present case would be appropriate, with those features known in combination from the prior art (document D1) being placed in the preamble (Rule 6.3(b)(i) PCT) and with the remaining features being included in the characterising part (Rule 6.3(b)(ii) PCT).
- 5. The application does not meet the requirements of Art. 5 PCT because the description does not disclose the invention in a manner sufficiently clear and complete for the invention to be carried out by a person skilled in the art in the whole scope claimed - see the objection for a lack of industrial applicability in section V.

6. The statement in the description on page 2, l. 29 - 31 regarding the term "downloadable" implies that the subject-matter for which protection is sought may be different to that defined by the claims 10 and 17, thereby resulting in lack of clarity (Article 6 PCT) when used to interpret them. In the present application there is not reason justifying extension of the standard meaning of a standard term to a non-standard meaning. The application should have been formulated using standard terms with their standard meanings.

7. Contrary to Rule 5.1 (iv) and (v) the description does not contain a brief description of the drawings, fig. 5 and does not describe the invention with respect to fig. 5.

It is therefore not possible to determine whether the method shown in fig. 5 falls within the scope of the claims.

This gives rise to a possible inconsistency between the claims and the description leading to doubt concerning the matter for which protection is sought, thereby rendering the claims unclear, Article 6 PCT.

8. According to the requirements of Rule 11.13(I) reference signs not appearing in the description shall not appear in the drawings, and vice versa.

This requirement is not met in view of the reference sign 43 used for the "constraint" in the description and claims, but not present in the figures.

This requirement also is not met in view of the reference signs used in fig. 5, none of which is mentioned in the description.

9. Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the document D1 is not mentioned in the description, nor is this document identified therein.



## Claims

1. A method of providing information about digital rights management features in relation to an electronic communication device comprising the steps of:

- in a content providing device (16) providing a downloadable content (42) for a particular user of the communication device (10),
- providing information about digital rights management such as a rights object (RO) 40,
- providing a constraint (43) defining in what way the particular user is allowed to use the content (42) related to the information about digital rights management and
- binding the content (42) to the user by means of information in the constraint (43), or
- binding automatically the information about digital rights management, such as binding content (42) to the user, such that the content provider can ensure that content only can be used by the intended user.

2. The method according to claim 1, comprising the step of:

- providing the constraint (43) to be treated and enforced as an integrated part of the digital rights management information.

3. The method according to claim 1 or 2, wherein the constraint (43) is bound in the content providing device (16).

4. The method according to claim 1 or 2, wherein the constraint (43) is bound automatically in the communication device (10).

5. The method according to claim 4, wherein the right object (RO) is bound to a personal identification module, such as a SIM or USIM, when the right object (RO) first arrives in the communication device (10).

6. The method according to claim 1, wherein the right object (RO) is always bound to the SIM.

7. A method of generating rights objects (40) for provision to an electronic communication device (10) comprising the steps of:

- in a content providing unit (16),
- receiving a request for content (35),

⊗ the content is stored (42) under control of the digital rights management information, bound to the intended user in a particular communication

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-generating a rights object (40) for the content, said rights object (40) comprising a constraint (43) defining in what way the particular user is allowed to use the content (42) related to the information about digital rights management and  
-binding the content (42) to the user by means of information in the constraint (43) such that the content provider can ensure that content only can be used by the intended user.

8. The method according to claim 1 or 7, wherein the rights object (40) is bound to a group of SIMs.

9. The method according to claim 8, wherein wild card character(s) is/are used to denote IMSI values.

10. Electronic communication device for communication with a content provider providing a downloadable content (42) for a particular user of the communication device (10) and comprising:

-a digital rights management control unit (22) arranged to provide a digital rights management scheme associated with the phone,  
-a media content store (24), and  
-an application unit (26) connected to the media content store (24) for the user of the device (10) to be able to use content that has been downloaded to the media content store (24), wherein the digital rights management control unit (22) is arranged to use a constraint (43) defining in what way the particular user is allowed to use the content (42) related to the information about digital rights management that is bound to the downloadable content (42), such that the content provider can ensure that content only can be used by the intended user.

11. Electronic communication device according to claim 10, wherein the digital rights management control unit (22) is arranged to use a constraint (43) that has been bound to a right object (40) in the content providing unit (16).

12. Electronic communication device according to claim 10, wherein the digital rights management control unit (22) is arranged to use a constraint (43) that has been automatically bound to a rights object (40) in the device (10) itself.

13. Electronic communication device according to claim 12, wherein the rights object (40) is arranged to be bound to the SIM even if not indicated by the constraint (43).

14. Electronic communication device according to claim 13, wherein it is a portable communication device.

15. Electronic communication device according to claim 14, wherein it is a mobile phone.

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16. Content providing device for generating rights objects to electronic communication devices and arranged to:

from an electronic communication device (10),

-receive a request for content (35), and

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-generate a rights object (40) for the content, said rights object (40) comprising a constraint (43) defining in what way the particular user is allowed to use the content (42) related to the information about digital rights management, such that the content provider can ensure that content only can be used by the intended user.

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17. System for managing digital rights management features in relation to an electronic communication device comprising:

an electronic communication device (10) for communication with a content providing unit (16) and comprising:

-a digital rights management control unit (22) arranged to provide

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a digital rights management scheme associated with the device (10),

-a media content store (24), and

-an application unit (26) connected to the media content store (24) for the user of the device (10) to be able to use content that has been downloaded to the media content store (24), wherein the digital rights management control unit (22) is arranged to use a

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constraint (43) defining in what way the particular user is allowed to use the content (42) related to the information about digital rights management that is bound to the downloadable content (42) a right object (RO), and

a content providing device (16) for generating rights objects (40) to electronic communication devices (10) and arranged to:

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from the electronic communication device (10),

-receive a request for content (35), and

-generate a rights object (40) for the content, said rights object (40) comprising a constraint (43) defining in what way the particular user is allowed to use the content (42) related to the information about digital rights management, such that the content

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provider can ensure that content only can be used by the intended user.

18. Computer program product for providing information about digital rights management features in relation to an electronic communication device (10) comprising a computer readable medium having thereon:

computer program code means, to make the electronic communication device execute, when said program is loaded in the electronic communication device (10):

- transmit a request for content (35) to a content providing device (16), to
- generate a rights object (40) for the content, said rights object comprising a constraint (43) defining in what way the particular user is allowed to use the content (42) related to the information about digital rights, such that the content provider can ensure that content only can be used by the intended user.

19. Computer program product for generating rights objects for provision of an electronic communication device (10), having:

computer program code means, to make a computer execute, when said program element is loaded in the computer:

- generate a rights object (40) for the content, said rights object comprising a constraint (43) defining in what way the particular user is allowed to use the content (42) related to the information about digital rights management, such that the content provider can ensure that content only can be used by the intended user.

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